

**MBNMS Research Activity Panel  
Meeting Agenda  
July 8, 2011**

**Hosts:** Mark Carr – Nearshore Ecology (University of California, Santa Cruz)  
Caroline Pomeroy – Social Sciences (California Sea Grant)

**Location:** Long Marine Lab  
Center for Ocean Health Library, Rm 201  
100 Shaffer Road  
Santa Cruz, CA

**Date:** Friday, July 8<sup>th</sup>, 2011; 9:00 am to 12:00 pm

**Members:**

	<b>Name</b>	<b>Discipline</b>	<b>Institution</b>	<b>Primary/ Alternate</b>
	Abeles, Adina	Marine Policy	Center for Ocean Solutions	primary
	Cailliet, Greg	Deep-Sea Ecology	Moss Landing Marine Laboratories	primary
	Carr, Mark	Nearshore Ecology	University of California, Santa Cruz	alternate
	Chavez, Francisco	Biological Oceanography	Monterey Bay Aquarium Research Institute	alternate
	David, Aimee	Marine Policy	Center for the Future of the Oceans, MBA	alternate
	DeVogelaere, Andrew	Research Coordinator	Monterey Bay National Marine Sanctuary	
	Epel, David	Water Quality	Hopkins Marine Station	alternate
	Grimes, Churchill	Fisheries	NOAA Fisheries Service	primary
	Haddock, Steve	Deep-Sea Ecology	Monterey Bay Aquarium Research Institute	alternate
	<b>Harrold, Chris*</b>	Marine Conservation Biology	Monterey Bay Aquarium	primary
	Kudela, Raphael	Biological Oceanography	University of California, Santa Cruz	primary
	Lindholm, James	Nearshore Ecology	California State University Monterey Bay	primary
	McPhee-Shaw, Erika	Physical Oceanography	Moss Landing Marine Laboratories	primary
	Micheli, Fiorenza	Marine Conservation Biology	Hopkins Marine Station	alternate
	Paull, Charles	Marine & Coastal Geology	Monterey Bay Aquarium Research Institute	alternate
	Pomeroy, Caroline	Social Sciences	California Sea Grant Extension Program	primary
	Ramp, Steve	Physical Oceanography	Soliton Ocean Services, Inc./NPS	alternate
	Scorse, Jason	Social Sciences	Monterey Institute of International Studies	alternate
	Starr, Rick	Shelf & Slope Ecology	California Sea Grant Extension Program	alternate
	Storlazzi, Curt	Marine & Coastal Geology	United States Geological Survey	primary
	Vasques, Jason	Fisheries	California Department of Fish & Game	alternate
	Wasson, Kerstin	Estuarine Ecology	Elkhorn Slough NERR and Foundation	primary
		Estuarine Ecology		alternate
		Shelf & Slope Ecology		primary
		Water Quality		primary

\*Sanctuary Advisory Council Member: Research (Primary)

†Sanctuary Advisory Council Member: Research (Alternate) - Vacant

**RAP Coordinator:**

Burton, Erica	Monterey Bay National Marine Sanctuary
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## **CONSENT ITEMS**

09:00 – 09:10 Introductions/Modifications to the Agenda (Harrold)

## **HOST PRESENTATIONS AND DISCUSSION**

09:10 – 09:15 California Sea Grant Program Update (Pomeroy)  
• Presentation (5 min)

09:15 – 09:40 Integrated Baseline and Monitoring Studies of California's Network of Marine Protected Areas (Carr)  
• Presentation (15 min)  
• RAP Discussion (10 min)

## **STAFF REQUEST TO RAP**

### **RAP RESEARCH PRIORITIES: Ecosystem-Based Management Initiative**

09:40 – 10:40 Research Areas Workshop Follow-up (John Hunt/MBNMS)  
• Presentation (30 min)  
• RAP Discussion (30 min)

## **BREAK**

10:40 – 10:55

### **RAP RESEARCH PRIORITIES: Ocean Acidification**

10:55 – 11:15 List of Ocean Acidification Research within MBNMS (Burton)  
• Presentation (10 min)  
• RAP Discussion (10 min)

## **STAFF REQUEST TO RAP**

11:15 – 11:30 2012 Sanctuary Currents Symposium Theme Ideas (Burton)  
• Presentation (5 min)  
• RAP Discussion (10 min)

## **SANCTUARY RESEARCH UPDATE**

11:30 – 11:50 Sanctuary Research Update (DeVogelaere)  
• Presentation (10 min)  
• RAP Discussion (10 min)

## **SANCTUARY ADVISORY COUNCIL UPDATE**

*None*

## **SUGGESTED FUTURE AGENDA ITEMS**

11:50 – 12:00

## **ADJOURN**

12:00

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**Future Agenda Items (running list):**

- Communication Partnership for Science and the Sea (COMPASS)
- Data integration across monitoring programs (e.g., water quality, PISCO, MARINE, IOOS), and availability to the public
- Recent event: Supreme Court allows Navy Sonar (per John Hunt)
- Predicting sea level rise for the state of California (Larry Breaker, JPL, OPC)
- National Weather Service Forecast Office (Tom Evans, Warning Coordination Meteorologist)
- EBMI/IEA
  - IEAs, including those that have been implemented (e.g., Phil Levin, Frank Schwing, John Stein; per Yoklavich)
- MPAs
  - State MPA monitoring projects (e.g., Jason Vasques)
- Ken Johnson work in Elkhorn Slough (per McPhee-Shaw)
- Marine Policy issues (Sacramento; D.C.) that may need science input (per Ramp; Aimee David volunteered; or Adina Abeles)
- Climate Change
  - Rather than MBNMS tackle all climate change topics, perhaps let GFNMS/CBNMS continue as lead on climate change issues (per DeVogelaere), and request the following presentations:
    - GFNMS/CBNMS Ocean Climate Initiative (speaker: Higgason)
    - GFNMS/CBNMS Climate Change Impacts Report (speaker: Largier)
  - Perhaps tackle what GFNMS/CBNMS not working on (e.g., low oxygen; per Kudela)
  - Storlazzi is willing to help organize a general meeting on climate change science; State of the Science of climate change; adaptation plans; Perhaps MBCORC hosts a 1 or 2 day science meeting
    - CA coast (Lisa Sloan, UCSC; sea level rise, Breaker)
    - High-res climate models of CA (UCSC; or Dan Cayan or Dettinger/USGS)
    - What differences MBNMS might observe (per Starr)
    - NOAA Coastal Services Center putting together climate adaptation visualization tool (per Hunt)
- Beach COMBERS Program
  - How Beach COMBERS program linked to oil spill response (GFNMS) and how Beach COMBERS data fits into response (per Hunt)
- How is MBNMS and region involved and/or linked to NOAA's Coastal and Marine Spatial Planning effort (per Lindholm)
- Desalination update (per Abeles); things have changed since Brad Damitz talked to the RAP; speaker: Carol Reeb (Hopkins)

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### 2011 RAP Meeting Schedule and Locations

Date	Host	Location
January 14	Lindholm	CSU Monterey Bay
March 11	Scorse	Monterey Institute of International Studies
May 13	Haddock	Monterey Bay Aquarium Research Institute
July 8	Pomeroy/Carr	Long Marine Lab, UC Santa Cruz
September 9	Harrold	Monterey Bay Aquarium
November 18	Starr	Moss Landing Marine Laboratories

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#### **RAP Meeting Location (07/8/11):**

Long Marine Lab  
Center for Ocean Health Library, Rm 201  
100 Shaffer Road  
Santa Cruz, CA

Directions to Room 201: Enter through main entrance of Center for Ocean Health Building, walk up stairs, turn left, first room on left

#### Driving Directions:

<http://ims.ucsc.edu/lml.html>

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